

WHAT IS CLAIMED IS:

1. A liquid crystal display (LCD) monitor with esthetic back, comprising:
an LCD panel, having a first surface and a second surface against the first surface, wherein the first surface has a displaying portion;
5 a front housing, covering the first surface of the LCD panel and exposing the displaying portion;
a back housing, covering the second surface of the LCD panel;
a base, engaged with the back housing by a butt hinge, such that the LCD panel with respect to the base in angle can be adjusted; and
10 a back cap, having a about planar outer surface, the back cap covering the back housing, wherein the back cap includes a metallic material.

2. The LCD monitor of claim 1, further comprising an affixing device to affix the back cap onto the back housing.

3. The LCD monitor of claim 2, wherein the affixing device comprises a buckle structure, respectively implemented on a rim of the back cap and a corresponding surface of the back housing.

4. The LCD monitor of claim 2, wherein the affixing device comprises a screw.

5. The LCD monitor of claim 1, wherein the back cap includes one material selected from the group consisting of aluminum, aluminum alloy, and aluminum/magnesium alloy.

20 6. The LCD monitor of claim 1, wherein the outer surface of the back cap comprises a pattern, which is a surface printed pattern.

7. The LCD monitor of claim 1, wherein the outer surface of the back cap is a patterned surface resulting from etched treatment.

8. The LCD monitor of claim 1, wherein the outer surface of the back cap is a patterned surface resulting from sand jet treatment.

9. The LCD monitor of claim 1, further comprising a protection film, covering the outer surface of the back cap.

5 10. The LCD monitor of claim 9, wherein the protection film includes plastic
material.

11. A back cap of liquid crystal display (LCD) screen, suitable for use in an LCD monitor, the LCD monitor comprising a screen body and a holding part coupled with the screen body, the back cap of LCD screen comprising:

a plate body, having a shape about conformal to an appearance of the screen body, the plate body having an outer surface being about planar, wherein the plate body includes a metallic material; and

a sidewall, connecting to the plate body at a rim, and about being perpendicular to the plate body, wherein the sidewall can be connected to an outer periphery of the screen body.

12. The back cap of LCD screen of claim 11, wherein the plate body and the sidewall are an integrated body.

13. The back cap of LCD screen of claim 11, further comprising a buckle structure, respectively implemented on the sidewall and a corresponding outer rim of the screen body.

14. The back cap of LCD screen of claim 11, further comprising a screw hole, used for affixing the back cap to the screen body by a screw.

15. The back cap of LCD screen of claim 11, wherein the plate body includes one material selected from the group consisting of aluminum, aluminum alloy, and aluminum/magnesium alloy.

5 16. The back cap of LCD screen of claim 11, wherein the outer surface of the back cap comprises a pattern, which is a surface printed pattern.

17. The back cap of LCD screen of claim 11, wherein the outer surface of the back cap is a patterned surface resulting from etched treatment.

10 18. The back cap of LCD screen of claim 11, wherein the outer surface of the back cap is a patterned surface resulting from sand jet treatment.

19. The back cap of LCD screen of claim 11, further comprising a protection film, covering the outer surface of the back cap.

15 20. The back cap of LCD screen of claim 19, wherein the protection film includes plastic material.

21. A method for fabricating a back cap of a liquid crystal display (LCD) monitor, the method comprising:

15 22. providing a metal plate;
performing a surface printing process to print a pattern on a surface of the metal plate; and

20 23. performing a drawing process, to draw the metal plate into the back cap of the LCD monitor.

22. The method of claim 21, before the step of performing the surface printing process, further comprising performing a surface film treatment.

23. The method of claim 22, wherein the surface film treatment comprises a sand jet treatment.

24. The method of claim 22, wherein the surface film treatment comprises an etching treatment.

25. The method of claim 21, wherein the metal plate comprises one material selected from the group consisting of aluminum, aluminum alloy, and aluminum-magnesium alloy.

26. The method of claim 21, after the step of performing the surface printing comprises, further comprising forming a protection film over the surface of the metal plate with the pattern.

27. The method of claim 26, wherein the protection film comprises polyurethane (PU).

28. The method of claim 21, wherein the pattern comprises a plurality of colors, and the step of the surface printings takes a plurality of printing steps.

29. A printing method on a sheeting plate, wherein the sheeting plate includes one selected from the group consisting of a back cap of screen, an electric appliance, a housing of computer, a metal packaging box, and a housing for preventing electromagnetic interference, the method comprising:

providing a metal plate;

performing a surface printing process to print a pattern on a surface of the metal plate; and

20 performing a drawing process, to draw the metal plate into a desired shape for forming the sheeting plate.

30. The method of claim 29, before the step of performing the surface printing process, further comprising performing a surface film treatment.

31. The method of claim 30, wherein the surface film treatment comprises a sand jet treatment.

32. The method of claim 30, wherein the surface film treatment comprises an etching treatment.

5 33. The method of claim 29, after the step of performing the surface printing comprises, further comprising forming a protection film over the surface of the metal plate with the pattern.

34. The method of claim 33, wherein the protection film comprises polyurethane (PU).

10 35. The method of claim 29, wherein the pattern comprises a plurality of colors, and the step of the surface printings takes a plurality of printing steps.